

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of :  
Samuel I. STUPP et al. :  
Serial No. 10/534,266 : Group Art Unit: 1654  
Filed: October 13, 2005 : Examiner: David Lukton

For: SYNTHESIS AND SELF-ASSEMBLY OF ABC TRIBLOCK BOLA PEPTIDE

**INFORMATION DISCLOSURE STATEMENT**

Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom. Copies of any cited U.S. Patents, U.S. Patent Publications, and PCT Publications are not being submitted in accordance with 37 CFR 1.98(a)(2)(i).

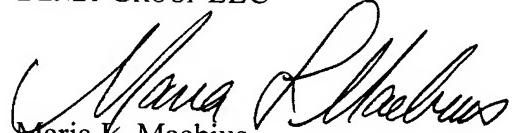
In accordance with 37 C.F.R. § 1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search had been made or that information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56 (b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item, and Applicant reserves the right to prove that the date of publication is in fact different.

The references listed as A4 and B3 were cited in the International Search Report during prosecution of the corresponding PCT patent application. A copy of the International Search Report for the PCT patent application is enclosed.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No certification or fee is believed to be required.

Respectfully submitted,

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Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
				Application Number	10/534,266
				Filing Date	October 13, 2005
				First Named Inventor	Samuel I. STUPP et al.
				Art Unit	1654
				Examiner Name	David Lukton
Sheet	1	of	21	Attorney Docket Number	NANO 107 US2 (NU 22092)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
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B25	WO 2006/096614 A2	09-14-2006	Stupp et al.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	Brown, Walter E. December 15, 1962. "Octacalcium Phosphate and Hydroxyapatite." <i>Nature</i> . Vol. 196, pp. 1048-1050.	
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C50	Beresford, J. N., J. H. Bennett, C. Devlin, P. S. Leboy, and M. E. Owen. 1992. "Evidence for an Inverse Relationship Between the Differentiation of Adipocytic and Osteogenic Cells in Rat Marrow Stromal Cell Cultures." <i>Journal of Cell Science</i> . Vol. 102, pp. 341-351.	
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C59	Mulligan, Richard C. May 14, 1993. "The Basic Science of Gene Therapy." <i>Science</i> . Vol. 260, No. 5110, pp. 926-932.	
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				Art Unit	1654
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

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				Application Number	10/534,266
				Filing Date	October 13, 2005
				First Named Inventor	Samuel I. STUPP et al.
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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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